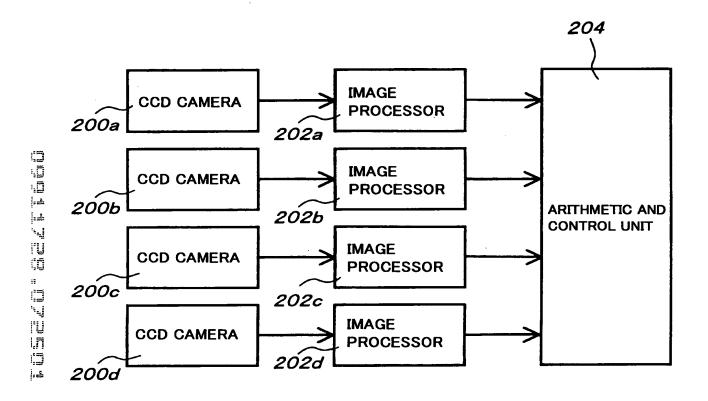
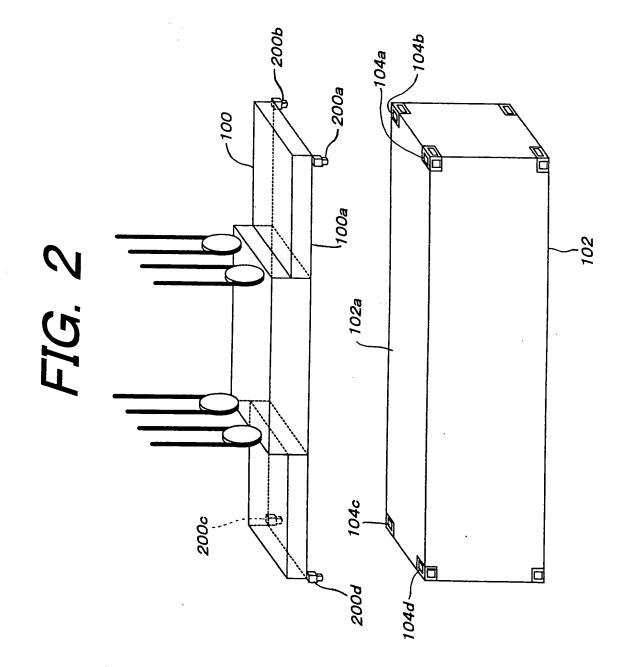
FIG. 1





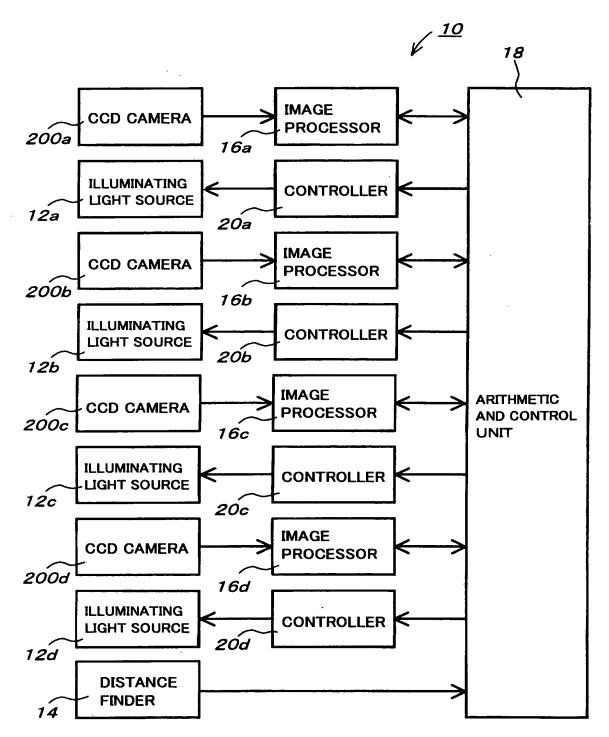
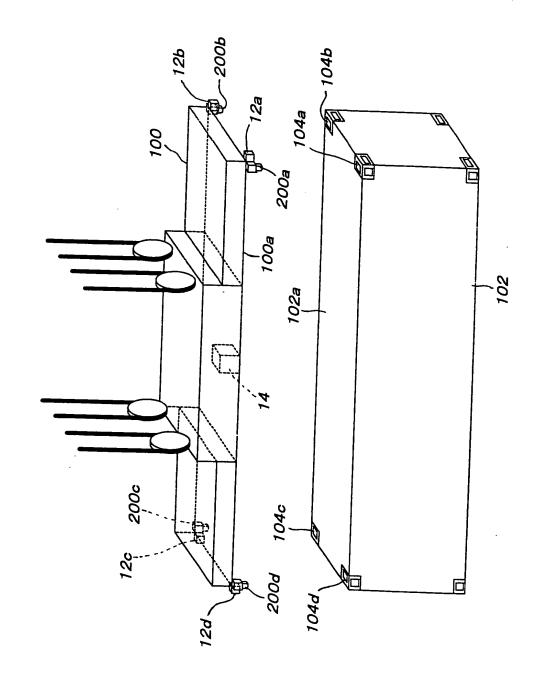
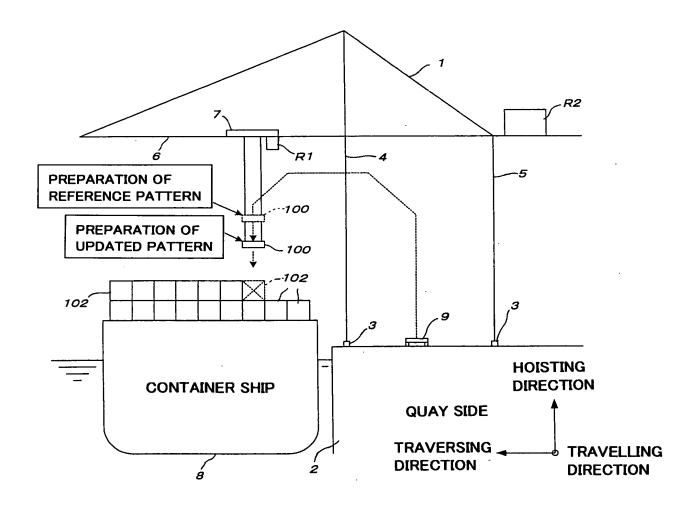
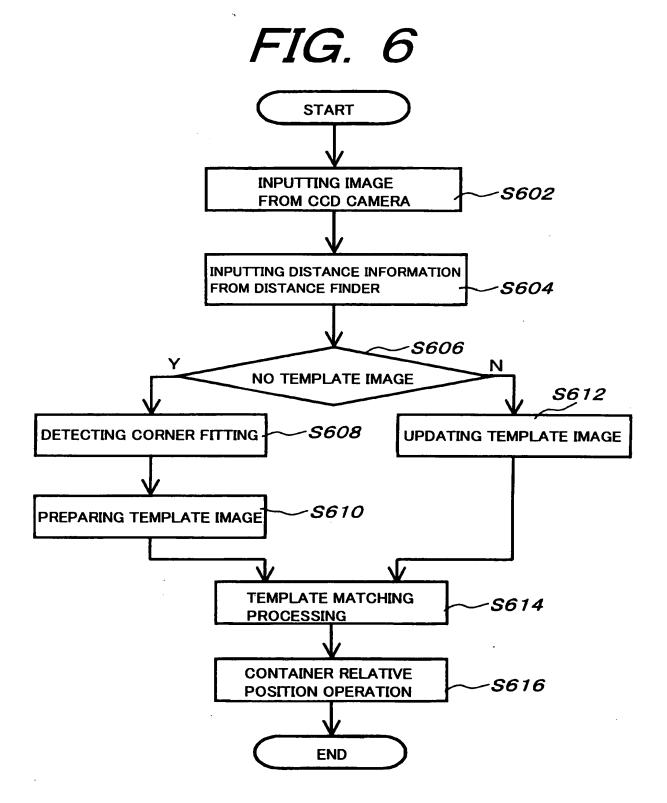
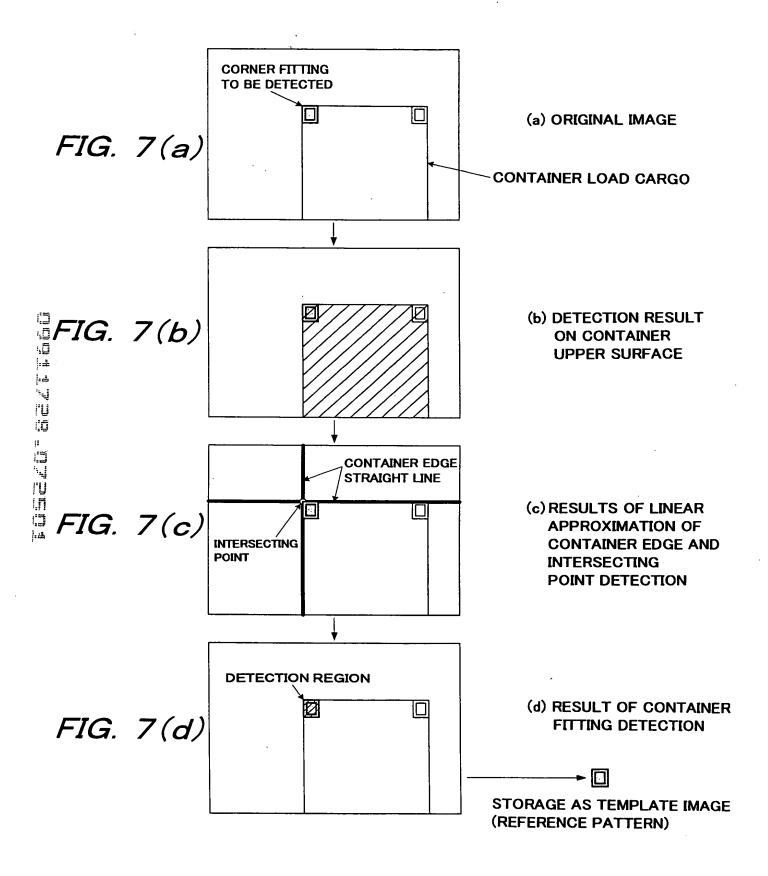


FIG. 4









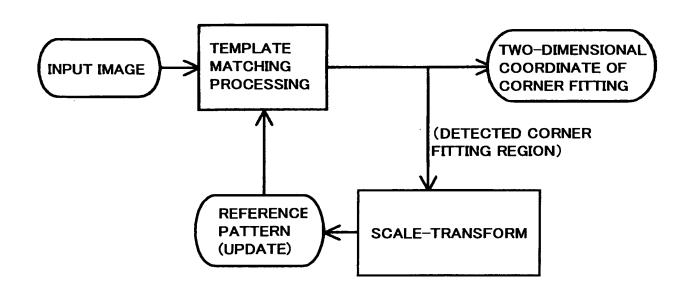
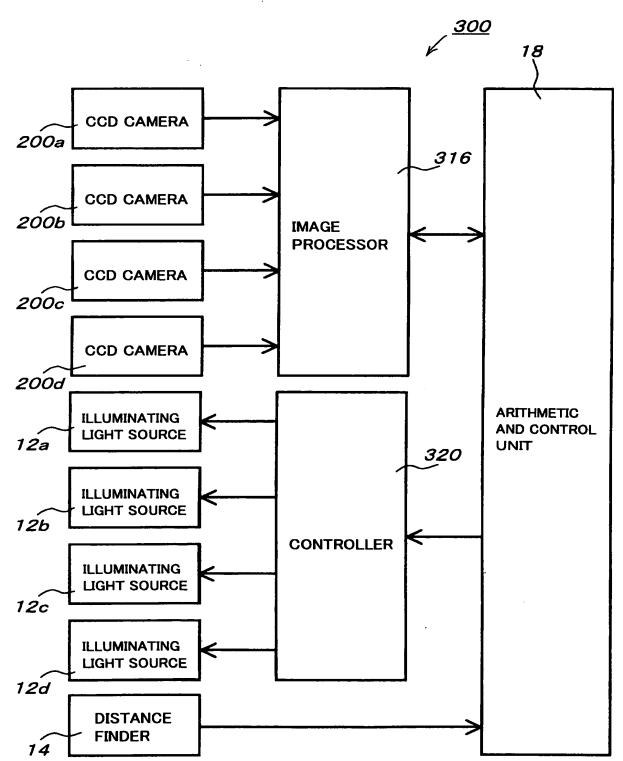


FIG. 9



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FIG. 10

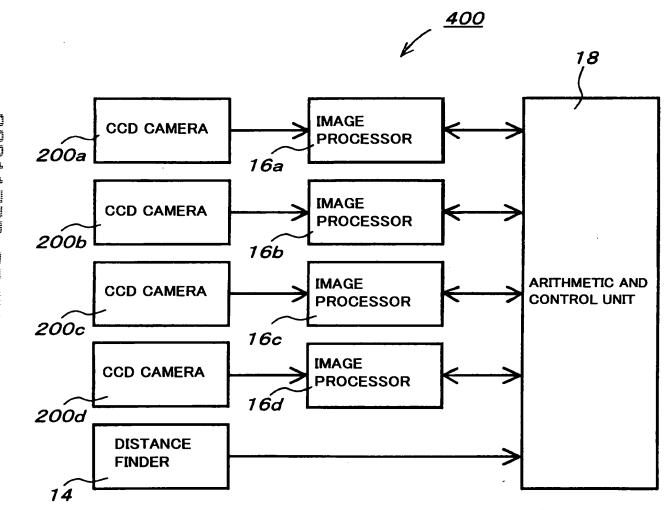
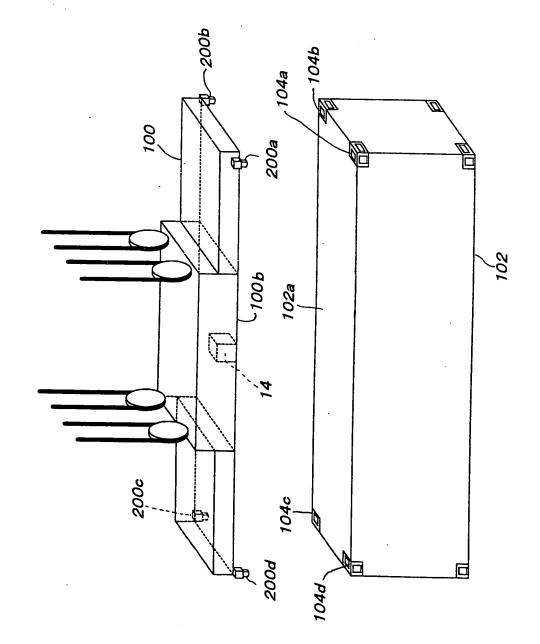
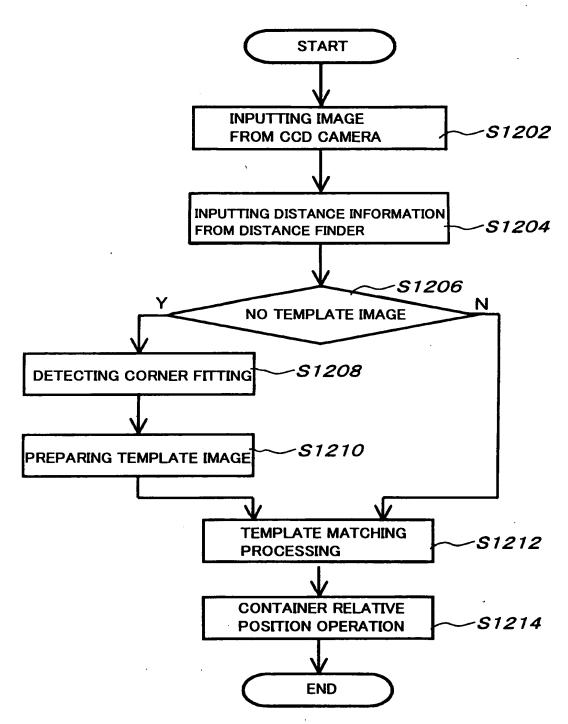
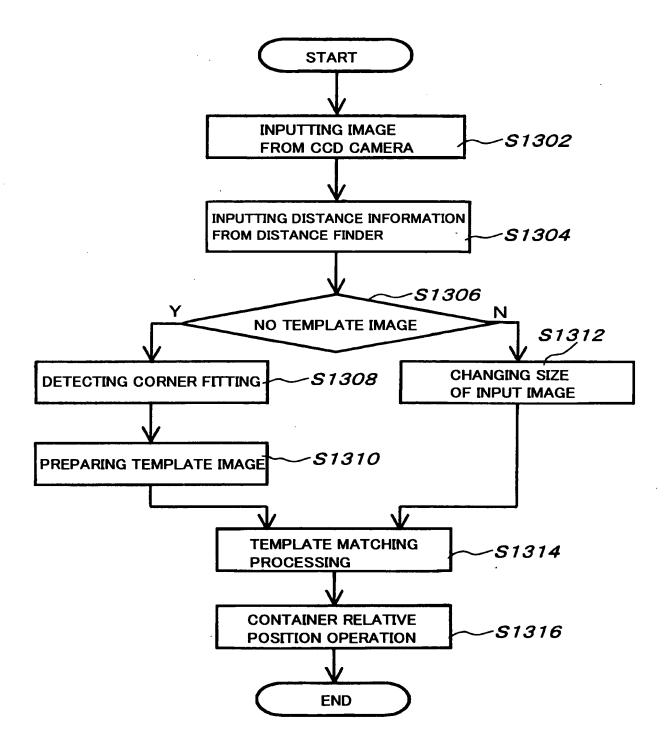
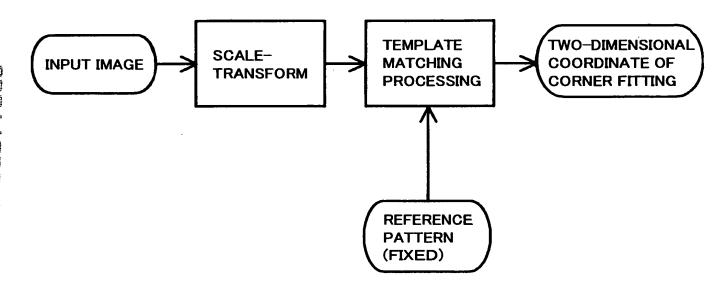


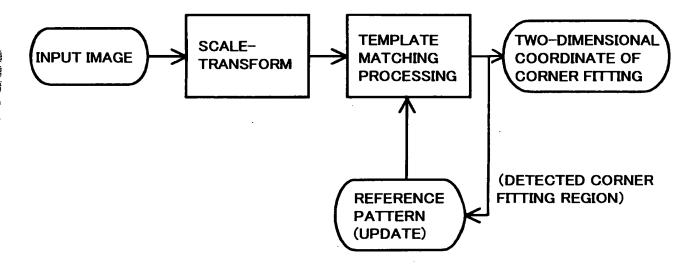
FIG. 11

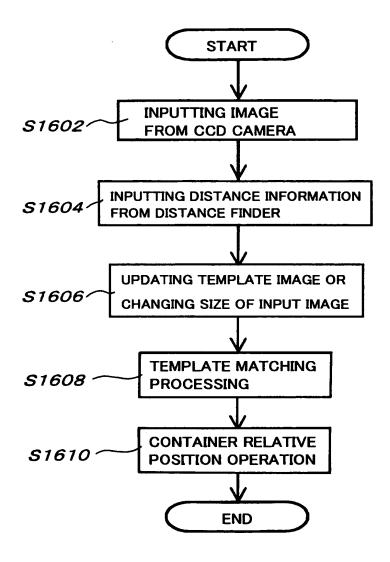


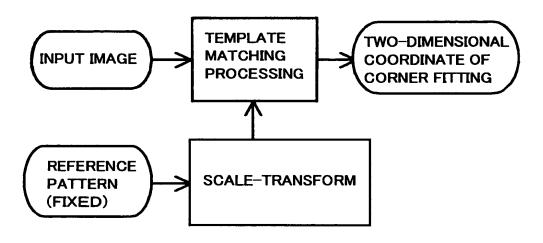


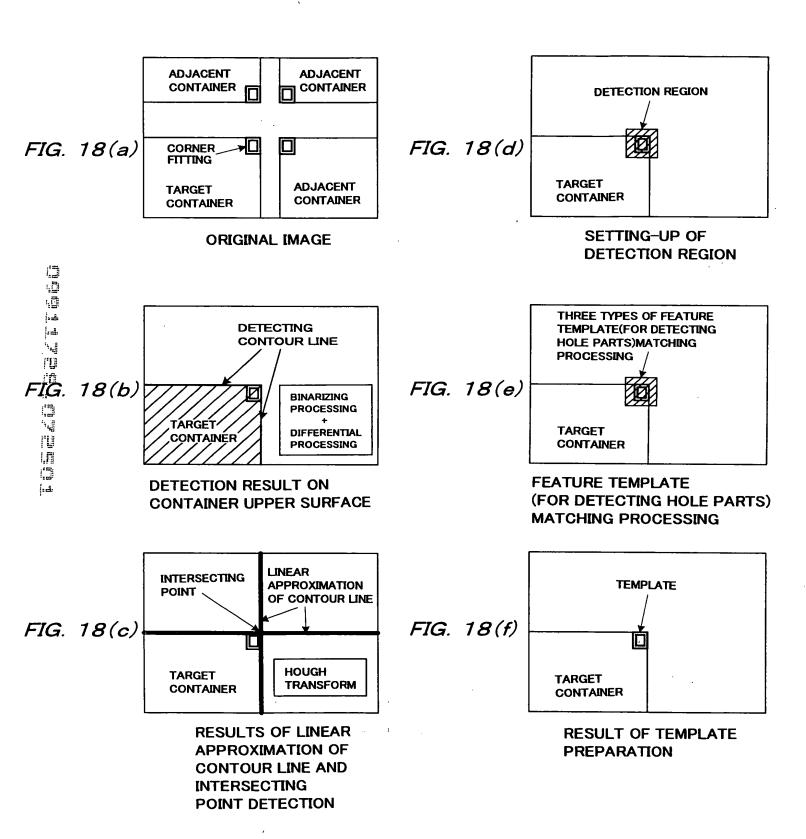


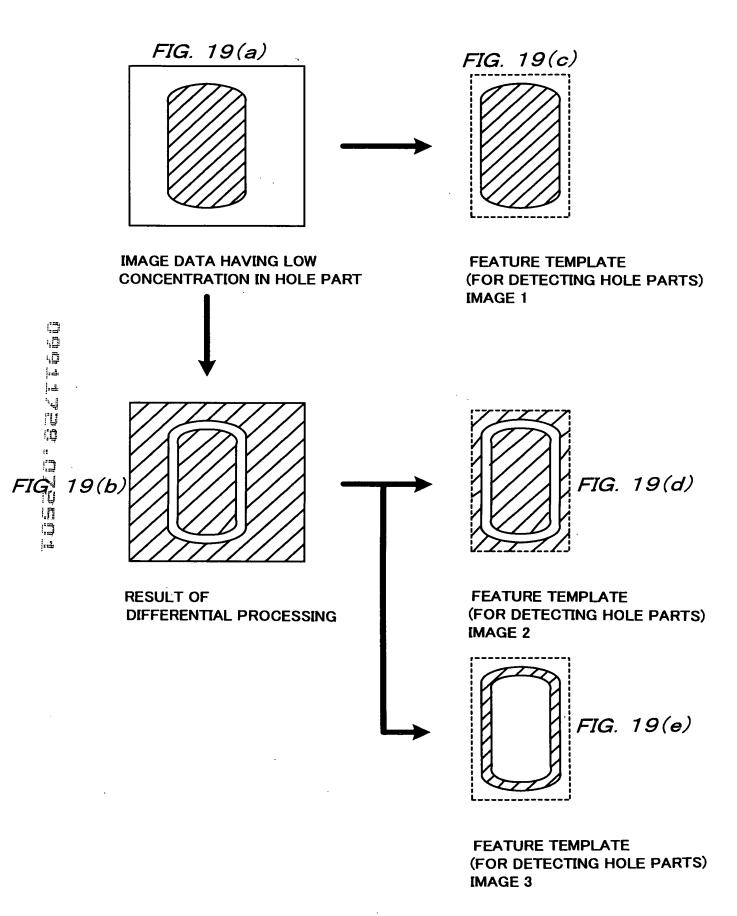


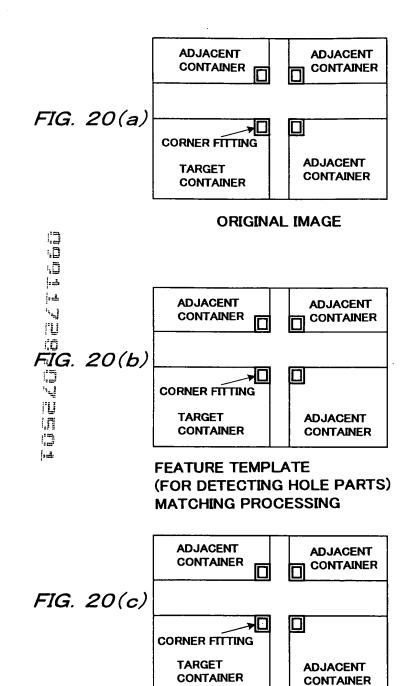






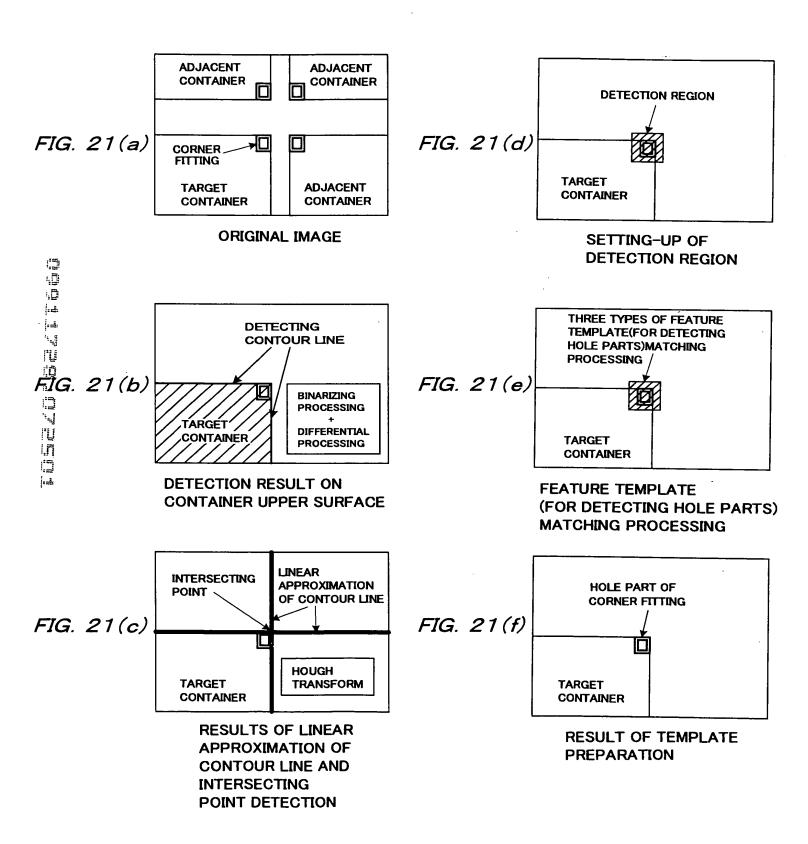


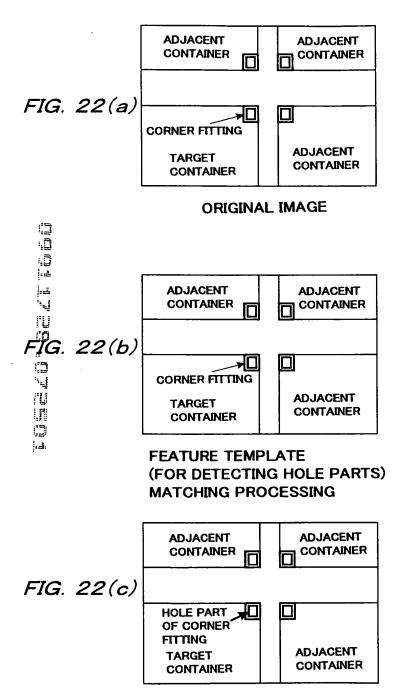




THREE TYPES OF FEATURE TEMPLATE (FOR DETECTING HOLE PARTS) MATCHING PROCESSING (WHOLE IMAGE DATA)

RESULT OF TEMPLATE PREPARATION





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